Electrical symbols, ANSI / IEEE 315

Drawn by Deskely to the forms of ANSI / IEEE 315. Project drawing notes and legends take precedence.

deskely

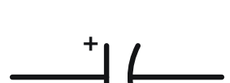
PASSIVE COMPONENTS


Resistor


Variable resistor


Potentiometer


Capacitor



Polarised capacitor

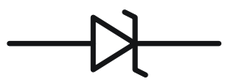

Inductor


Transformer

SEMICONDUCTORS


Diode


LED


Zener diode


NPN transistor


PNP transistor

SWITCHES AND RELAYS


SPST switch


SPDT switch


Push button (NO)


Push button (NC)



Relay coil


Normally open contact


Normally closed contact

POWER, PROTECTION AND GROUND



Battery



DC voltage source


AC voltage source


Fuse


Circuit breaker


Ground (earth)


Chassis ground

LOADS, METERS AND WIRING


Lamp



Motor



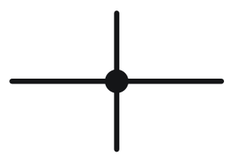
Generator

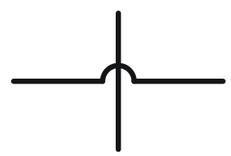


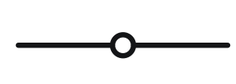
Ammeter



Voltmeter


Wire junction


Wires crossing


Terminal